

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Mary Cismowski and Emir Duzic  
Serial No.: 09/709,103 Examiner: D.M. Sullivan  
Filed : November 8, 2000 Group Art Unit: 1636  
For : AGS PROTEINS AND NUCLEIC ACID MOLECULES AND USES  
THEREFOR

1185 Avenue of the Americas  
New York, New York 10036

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR:

DECLARATION UNDER 37 C.F.R. §1.131

We, Mary Cismowski and Emir Duzic, hereby declare as follows:

1. We are named as coinventors on the above-identified patent application.
2. We understand that the invention is recited in claims 81-93 as amended by the accompanying amendment. The text of claims 81-93 is attached hereto as **Exhibit 1**.
3. We conceived of the invention recited in claims 81-85 and 87-93 in the United States prior to March 31, 1998.
4. We also, either personally or through persons working under our direction and supervision, reduced to practice prior to March 31, 1998 a nucleic acid comprising nucleotides having a sequence which encodes an Activator of G Protein Signaling ("AGS") protein, a vector comprising the nucleic acid, and a host cell containing the vector and expressing the AGS protein.
5. As evidence of the fact that we, either personally or through persons working under our direction and

Applicant : Mary Cismowski and Emir Duzic  
U.S. Serial No.: 09/709,103  
Filed : November 8, 2000  
Page 2

supervision, reduced to practice prior to March 31, 1998 a nucleic acid comprising nucleotides having a sequence encoding an AGS protein, a vector comprising the nucleic acid, and a host cell containing the vector and expressing the AGS protein, we attach hereto as **Exhibit 2** a copy of a page entitled "Test of UK w/Various Strains + [AT]" and as **Exhibit 3** a copy of a page entitled "Creation of Point Mutations of UK," both from the laboratory notebook of Mary Cismowski. The dates have been deleted from Exhibit 2 and Exhibit 3. All of the deleted dates were prior to March 31, 1998.

6. The copy of the page submitted as **Exhibit 2** shows the expression of a protein named "UK" by various strains of cells into which a nucleic acid comprising nucleotides having a sequence encoding the protein named "UK" was inserted. The nucleic acid comprised nucleotides having a sequence as set forth in SEQ ID NO:1 of the subject application.
7. The copy of the page submitted as **Exhibit 3** shows that the amino acid sequence of the protein named "UK" is identical to the amino acid sequence set forth in SEQ ID NO:2 of the subject application, which represents the amino acid sequence of an AGS protein.

Applicant : Mary Cismowski and Emir Duzic  
U.S. Serial No.: 09/709,103  
Filed : November 8, 2000  
Page 3

We hereby declare that all statements made herein of our own knowledge are true and that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above-identified application or any patent issuing thereon.

Dated: AUGUST 21, 2003

Mary G. Cismowski  
Mary Cismowski, Ph.D.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Emir Duzic, Ph.D.

Applicant : Mary Cismowski and Emir Duzic  
U.S. Serial No.: 09/709,103  
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Page 3

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Dated: \_\_\_\_\_

\_\_\_\_\_  
Mary Cismowski, Ph.D.

Dated: 08/22/03

Emir Duzic  
Emir Duzic, Ph.D.